| FORM PTO-1390 U.S. DE (REV 10-94)   | PARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  |  |
|---|---|--|
| TRANSMITTAL LETTER TO THE UNITED STATES   |   | 10921.246USWO  |
| DESIGNATED/ELECTED OFFICE (DO/EO/US)  |   |  |
| CONCERNING A FILIN  | G UNDER 35 U.S.C. 371   |  |
|   |   | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) Unknown 10/506826 |
| INTERNATIONAL APPLICATION NO.   | INTERNATIONAL FILING DATE   | PRIORITY DATE CLAIMED  |
| PCT/JP03/01994  | 24 February 2003  | 8 March 2002   |
| TITLE OF INVENTION  | <del></del>   |  |
| SEMICONDUCTOR DEVICE USING SEM  | ICONDUCTOR CHIP   |  |
| APPLICANT(S) FOR DO/EO/US   |   |  |
| ISOKAWA et al.  |   |  |
| Applicant herewith submits to the United States De  | esignated/Elected Office (DO/EO/US) the following                                       | g items and other information:                                       |
|   |   | 8,   |
| 1. [X] This is a FIRST submission of items con-   | cerning a filing under 35 U.S.C. 371.  NT submission of items concerning a filing under | 25119.0.271  |
|   | amination procedures (35 U.S.C. 371(f)) at any time                                     |  |
|   | plicable time limit set in 35 U.S.C. 371(b) and PC                                      |  |
| 4. [x] A proper Demand for International Prelin   | ninary Examination was made by the 19th month f   | from the earliest claimed priority date.                             |
| 5. [X] A copy of the International Application as   |   |  |
|   | uired only if not transmitted by the International B                                    | Bureau).   |
| b. [X] has been transmitted by the Inter  | rnational Bureau.<br>cation was filed in the United States Receiving Off                | Son (DO/LIS)   |
| c. [ ] is not required, as the applied [x] A translation of the International Application |   | ince (RO/OS)   |
| 7. [X] Amendments to the claims of the Internat   | ional Application under PCT Article 10 (25 LLS C  | 2.71(6)(2))  |
|   | equired only if not transmitted by the International                                    |  |
| b. [x] have been transmitted by the Int   | ernational Bureau.  |  |
| c. [ ] have not been made; however d. [ ] have not been made and wi                       | ver, the time limit for making such amendments ha                                       | s NOT expired.   |
| d. [ ] have not been made and wi  | ii not be made.   |  |
| 8. [x] A translation of the amendments to the cla   | aims under PCT Article 19 (35 U.S.C. 371(c)(3)).  |  |
| 9. [X] An oath or declaration of the inventor(s) (  | (35 U.S.C. 371 (c)(4)).   |  |
|   | ternational Preliminary Examination Report under  | PCT Article 36   |
| (35 U.S.C. 371(c)(5)).  |   |  |
| Items 11. to 16. below concern document(s) or in  |   |  |
| 11. [x] An Information Disclosure Statement und   | ler 37 CFR 1.97 and 1.98.   | ·  |
| 12. [x] An assignment document for recording. A   | separate cover sheet in compliance with 37 CFR  | 3.28 and 3.31 is included.   |
| 13. [X] A FIRST preliminary amendment.  |   | A  |
| [ ] A SECOND of SUBSEQUENT prel   | iminary amendment.  | ×  |
| 14. [ ] A substitute specification.   |   |  |
| 15. [ ] A change of power of attorney and/o   | r address letter.   |  |
| 16. [x] Other items or information: International   | Publication Page, Declaration of Translation, App                                       | olication Data Sheet, Form 1449, 7 references, Form                  |
| PCT/RO/101, Form PCT/ISA/210, Form PCT/IB/3   | 304, Form PCT/IB/308, Communication under 37  | CFR 1.32(c)(3), 10 Sheets of Formal Drawings                         |
|   |   |  |

| U.S. APPLICATION NO. (If know   | n, see 37 C.F.R. 1.5)   | INTERNATIONAL APPLICATION N  | IO.                       | ATTORNEY'S DOCKET NUMBER   |                     |  |  |
|---|---|------------------------------|---------------------------|----------------------------|---------------------|--|--|
| unknown 10/   | 506826  | PCT/JP03/01994               |                           | 10921.246USWO              |                     |  |  |
| 17. [X] The following fees are submitted:   |   |                              | CALCULATIONS PTO USE ONLY |                            |                     |  |  |
| BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):   |   |                              |                           |                            |                     |  |  |
| Search Report has   | been prepared by the EPO of                                     | r JPO                        | \$920.00                  |                            |                     |  |  |
|   | uinary examination fee paid                                     |                              | \$730.00                  |                            |                     |  |  |
|   | eliminary examination fee pa<br>earch fee paid to USPTO (37     |                              |                           |                            |                     |  |  |
|   | al preliminary examination f<br>n fee (37 CFR 1.445(a)(3)) p    |                              | \$1080.00                 |                            |                     |  |  |
| International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)                   |   |                              |                           |                            |                     |  |  |
|   | ENTER APPROP  | RIATE BASIC FEE              | AMOUNT =                  | \$920.00                   |                     |  |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)). |   |                              | \$                        |                            |                     |  |  |
| CLAIMS  | NUMBER FILED  | NUMBER EXTRA                 | RATE                      |                            |                     |  |  |
| Total claims  | 11 -20 =  | 0                            | X \$18.00                 | \$0.00                     |                     |  |  |
| Independent claims  | 3 -3 =  | 0                            | X \$86.00                 | \$0.00                     |                     |  |  |
| MULTIPLE DEPENDE  | NT CLAIM(S) (if applicable                                      | e)                           | + \$290.00                | \$                         |                     |  |  |
| TOTAL OF ABOVE CALCULATIONS =   |   | LATIONS =                    | \$920.00                  |                            |                     |  |  |
| Reduction by 1/2 for fili<br>pursuant to 37 CFR 1.2   | ng by small entity, if applica                                  | able. Small entity status is | claimed                   | - <b>S</b>                 |                     |  |  |
|   |   | SI                           | JBTOTAL =                 | \$920.00                   |                     |  |  |
|   | 0 for furnishing the English claimed priority date (37 C        |                              | []30 +                    | \$                         |                     |  |  |
| TOTAL NATIONAL FEE =  |   |                              | \$920.00                  |                            |                     |  |  |
|   | closed assignment (37 CFR opriate cover sheet (37 CFR           | 1.21(h)). The assignment m   | nust be                   | \$                         |                     |  |  |
|   | TOTAL FEES ENCLOSED =   |                              |                           |                            |                     |  |  |
|   | I OTTE TEES ENCE OUE  |                              |                           | Amount to be:              | S                   |  |  |
|   |   |                              |                           | charged                    | S                   |  |  |
| a. [X] Check(s) in the  | amount of \$920.00 to cove                                      | r the above fees is enclosed |                           |                            |                     |  |  |
| b. [] Please charge r<br>A duplicate cop  | my Deposit Account No<br>py of this sheet is enclosed.          | in the an                    | nount of \$               | to cover the above         | e fees.             |  |  |
|   | oner is hereby authorized to<br>Deposit Account No. <u>13-2</u> | • •                          | which may be requ         | uired, or credit any       |                     |  |  |
|   | ropriate time limit under 3<br>e filed and granted to resto     |                              |                           | petition to revive (37 CFR |                     |  |  |
| SEND ALL CORRESPONDENCE   | : <b>TO</b> :   |                              |                           | _ 1                        | 1010                |  |  |
| Douglas P. Mueller<br>MERCHANT & GOU  | JLD   |                              | SIG                       | NATURE TO                  | S. Hanse            |  |  |
| P.O. Box 2903   |   |                              |                           |                            | 1                   |  |  |
| Minneapolis, MN 55  | Minneapolis, MN 55402-0903                                      |                              |                           |                            | ME: Curtis B. Hamre |  |  |
|   |   |                              | RE                        | GISTRATION NUMBER:         | 29,165              |  |  |

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

ISOKAWA et al.

DT15 Rec'd PCT/PTO 0 7 SEP 2004

Docket:

10921.246USWO

Title:

SEMICONDUCTOR DEVICE USING SEMICONDUCTOR CHIP

## CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV372673883US

Date of Deposit: 7 September 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA

22313-1450.

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.

National Stage PCT Patent Application: Spec. 24 pgs; 12 claims; Abstract 1 pgs.

The fee has been calculated as shown below in the 'Claims as Filed' table.

□ 10 sheets of formal drawings

A signed Combined Declaration and Power of Attorney

Assignment of the invention to Rohm Co., Ltd., Recordation Form Cover Sheet

A check in the amount of \$920.00 to cover the Filing Fee

A check for \$40.00 to cover the Assignment Recording Fee.

Information Disclosure Statement, Form 1449, 7 reference(s).

Application Data Sheet, 4 pages.

Other: International Publication Page, Declaration of Translation, Translation of Amended Claims 1-11 under Article 19, Preliminary Amendment, Form PCT/RO/101, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/308, Communication under 37 CFR 1.32(c)(3), Form PTO-1390

Return postcard

## **CLAIMS AS FILED**

| Number of Claims Filed |        | In Excess of: |   | Number<br>Extra |   | Rate     |   | Fee      |
|------------------------|--------|---------------|---|-----------------|---|----------|---|----------|
| Basic Filing Fee       |        |               |   |                 |   |          |   | \$920.00 |
| Total Claims           |        |               |   |                 |   | Ì '      |   |          |
| 11                     | 1-1    | 20            | = | 0               | x | 18.00    | = | \$0.00   |
| Independent Claims     |        |               |   |                 |   | <u> </u> |   |          |
| 3                      | -      | 3             | = | 0               | x | 86.00    | = | \$0.00   |
| MULTIPLE DEPENDENT C   | LAIM I | FEE           | - |                 | • |          | • | \$0.00   |
| TOTAL FILING FEE       |        |               |   |                 |   |          |   | \$920.00 |

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.

P.O. Box 2903, Minneapolis, MN 55402-0903

(612) 332-5300

Name: Curtis B. Hamre Reg. No.: 29,165

Initials: DPM:CBH:hjm

23552

PATENT TRADEMARK OFFICE